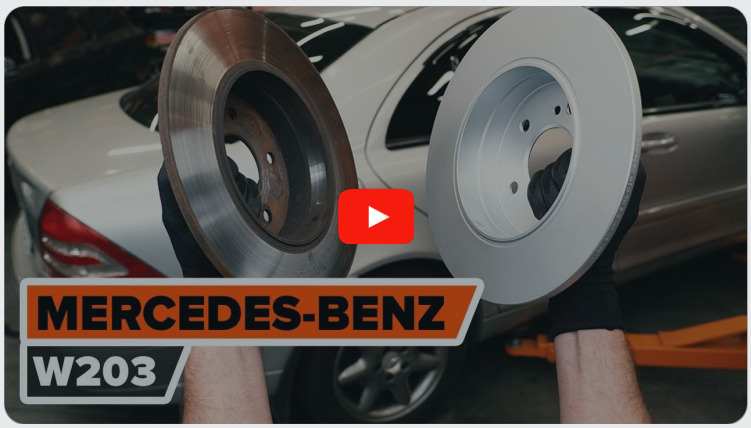
AUTODOC CLUB

How to change rear brake discs on **MERCEDES-BENZ SLK (R171)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

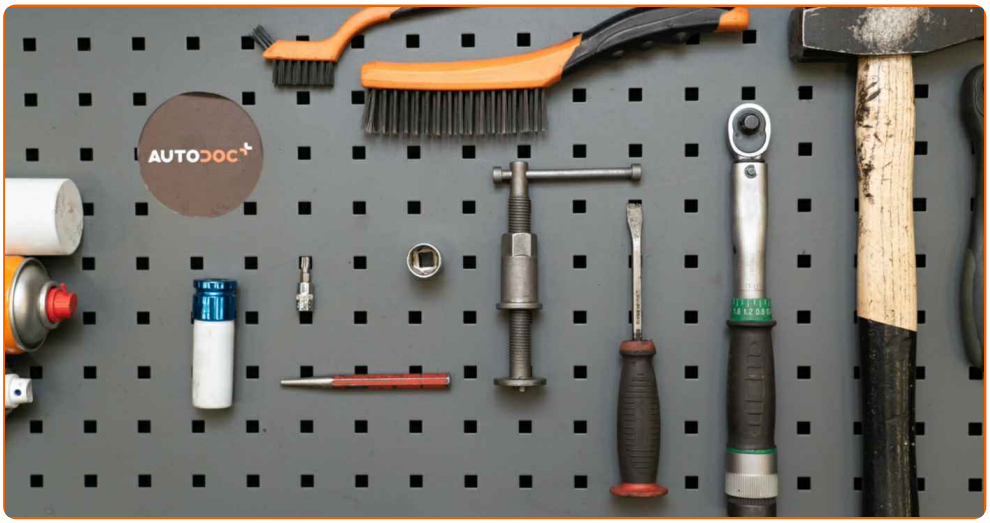
Important!

This replacement procedure can be used for:
MERCEDES-BENZ SLK (R171) 200 1.8 Kompressor (171.442), MERCEDES-BENZ SLK (R171) 350 3.5 (171.456), MERCEDES-BENZ SLK (R171) 280 3.0 (171.454), MERCEDES-BENZ SLK (R171) 350 3.5 (171.458), MERCEDES-BENZ SLK (R171) 200 1.8 Kompressor (171.445), MERCEDES-BENZ SLK (R171) 300 3.0 (171.454)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ C-Class Saloon (W203) C 240 (203.061)

REPLACEMENT: BRAKE DISCS – MERCEDES-BENZ SLK (R171). TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Hammer
- Pin punch
- Impact screwdriver
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – MERCEDES-BENZ SLK (R171). Professionals recommend:

- Replace the brake disks on the car MERCEDES-BENZ SLK (R171) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – MERCEDES-BENZ SLK (R171) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ SLK (R171)

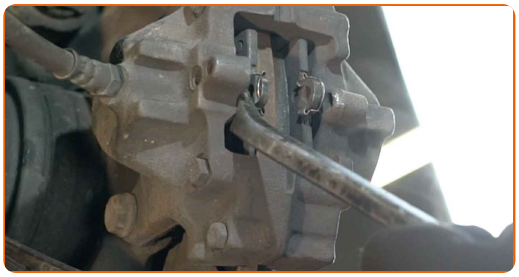
6 Remove the wheel.

7 Clean the brake pads fasteners. Use a wire brush. Use all-purpose cleaning spray.

8 Remove the brake pad retaining pin. Use a pin punch. Use a hammer.

9 Remove the retaining spring of the brake pads.

10 Spread the brake pads. Use a crowbar.



11 Remove the brake pads.

12 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

13 Unscrew the brake caliper fastening. Use a drive socket #18. Use a ratchet wrench.

14 Remove the brake caliper.

Replacement: brake discs – MERCEDES-BENZ SLK (R171). Professionals recommend:

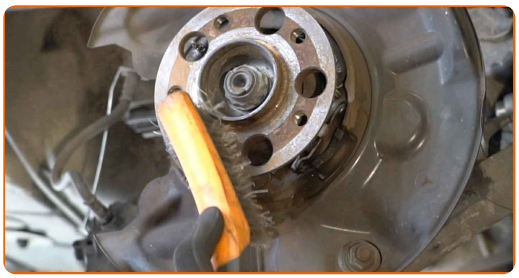
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

15 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

16 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

17 Remove the brake disc.

18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.

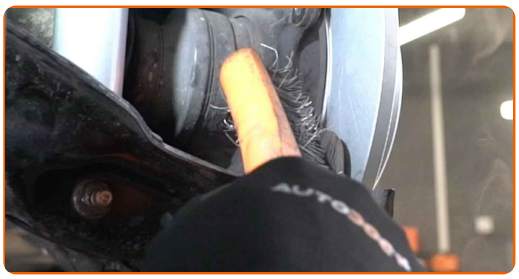
20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

21 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

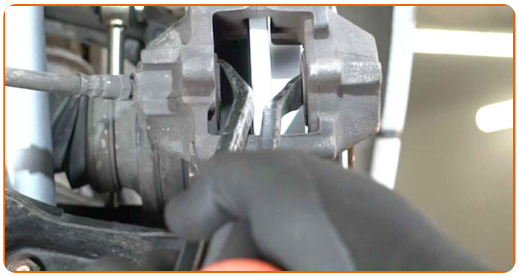
- Replacement: brake discs – MERCEDES-BENZ SLK (R171). After applying the spray, wait a few minutes.

22 Clean the mounting seat of the brake caliper. Use a wire brush. Use WD-40 spray.

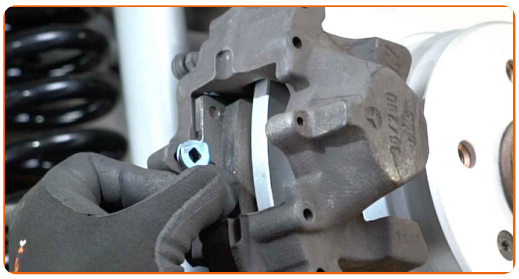


23 Install the brake caliper and fix it. Use a drive socket #18. Use a torque wrench. Tighten it to 55 Nm torque.

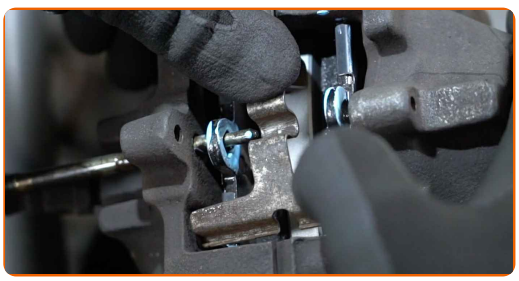
24 Press in the brake caliper piston. Use a crowbar (2 pieces).



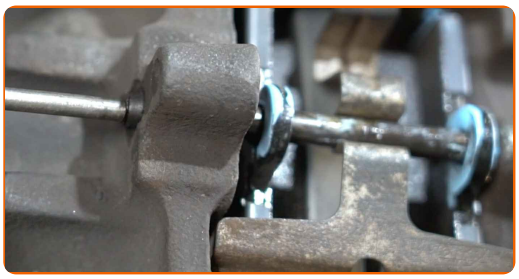
25 Install the brake pads.



26 Install the retaining spring of the brake pads.



27 Install the brake pad retaining pin. Use a pin punch. Use a hammer.



28 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29 Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – MERCEDES-BENZ SLK (R171). Tip:

- After applying the spray, wait a few minutes.

30 Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ SLK (R171)

31 Screw in the wheel bolts. Use wheel impact socket #17.

32 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.

33 Remove the jacks and chocks.

Replacement: brake discs – MERCEDES-BENZ SLK (R171). AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

34 Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- MERCEDES-BENZ SLK (R171) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE!

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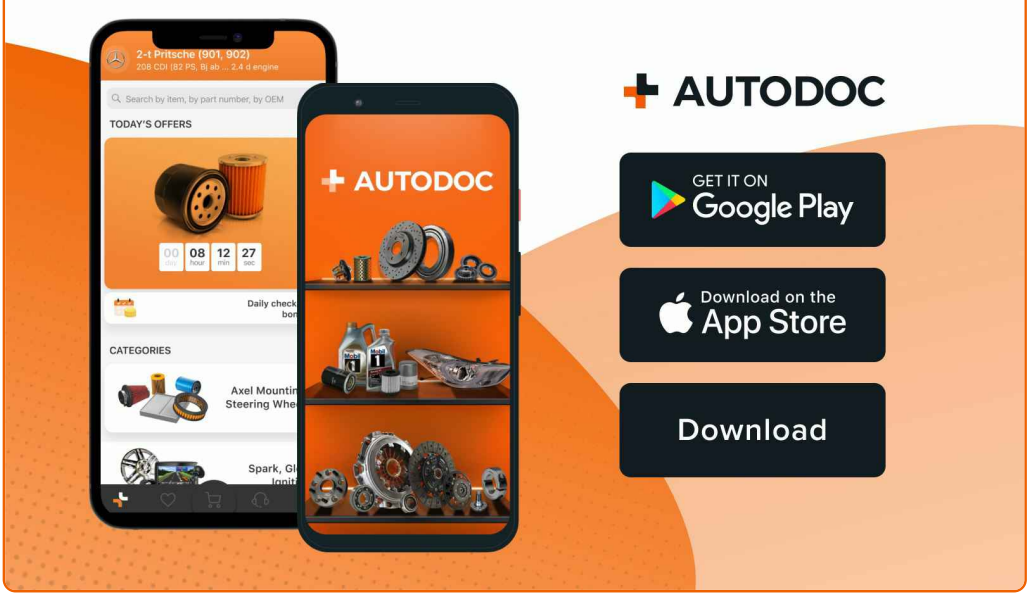

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE DISCS: A WIDE SELECTION

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